

ABSTRACT

There is provided a device and method for transmitting packet data in a mobile communication system. A sub-code generator generates a plurality of 5 sub-codes with the same or different code rates for the input of a PLP (Physical Layer Packet) information bit stream. A controller determines a minimum data rate by which the number of the modulation symbols of a sub-code generated by a predetermined modulation method is equal to or greater than the number of transmittable modulation symbols for each time period. A symbol pruner 10 prunes part of the modulation symbols of the sub-code to make the number of the modulation symbols of the sub-code equal to the number of transmittable modulation symbols for the time period, if the number of the modulation symbols of the sub-code is greater than the number of transmittable modulation symbols for the time period.